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(71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

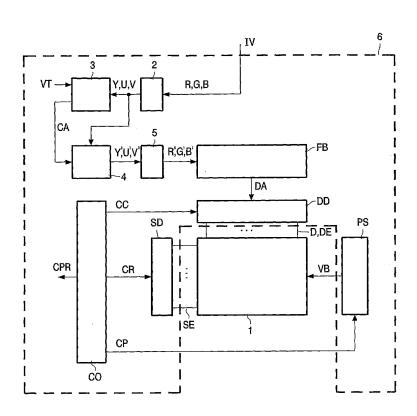
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KURT, Ralph [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VOGELS, Ingrid, M., L., C. [NL/NL]; c/o

Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). FISH, David, A. [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HEYNDERICKX, Ingrid, E., J., R. [BE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DER VAART, Nijs, C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GIRALDO, Andrea [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (74) Agents: RAAP, Adriaan, Y. et al.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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(54) Title: ACTIVE MATRIX DISPLAY WITH PIXEL TO PIXEL NON-UNIFORMITY IMPROVEMENT AT LOW LUMINANCE LEVEL



(57) Abstract: An active matrix display (1) comprises a pixel (P) including sub-pixels (10), and a drive circuit (6) which receives an input signal (IV) determining a desired luminance (BR) and a desired color (AC) of the pixel (P). The drive circuit (6) comprises a level detector (3) which determines whether the desired luminance (BR) is below a predetermined level (VT), and a controller (4) for, when the desired luminance (BR) is below the predetermined level (VT), (i) changing a number of the sub-pixels (10) contributing to the desired luminance (BR) into a lower number than optimally required to obtain the desired color (AC), and (ii) increasing a level of at least one of said contributing sub-pixels (10) to obtain a higher luminance of this one of said contributing sub-pixels (10) than if all the sub-pixels (10) required to obtain the desired color (AC) would contribute to the desired luminance (BR):

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